

66506

3 DEC 68 19 36Z

R 031842Z DEC 68
FM NPIC WASHDC
TO RUEOJFA/DIA
RUEFHQA/HQ USAF
RHCOAAA/SAC OFFUTT AFB
RUEOJFA/JCS (JRC)
RHMTSNA/12RITS TSN RVN
BT

SECRET CITE NPIC 5153

DIA FOR DIAXX-2; HQ USAF FOR AFRDR, AFNIN, AFXOPR; SAC FOR DIR;

1. THE FOLLOWING MISSIONS WERE EVALUATED:

MISSION	DATE FLOWN	VEHICLE	CAMERA
Q240	3 OCT 68	H-27	42
Q230	4 OCT 68	H-55	80
Q243	8 OCT 68	H-56	80
Q212	13 OCT 68	H-55	67
Q224	13 OCT 68	H-3	42
Q245	17 OCT 68	H-27	X2

2. CLOUDS AND HAZE OBSCURE 20 TO 30 PERCENT OF EACH MISSION WITH THE EXCEPTION OF MISSION Q245, 17 OCT 68, ON WHICH 80 PERCENT

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OF THE MISSION IS AFFECTED BY CLOUDS.

3. QUALITY SUMMARY:

A. COMMENTS APPLICABLE TO ALL MISSIONS:

(1) BANDING IS PRESENT THROUGHOUT. EXCEPT FOR ONE MISSION (SEE Q245, 17 OCT 68) THE BANDING DOES NOT CAUSE SEVERE IMAGE DEGRADATION.

(2) THE DENSITY IS THIN TO ADEQUATE THROUGHOUT.

(3) VARIOUS MINOR PLUS AND MINUS DENSITY STREAKS ARE PRESENT ON SEVERAL MISSIONS. IMAGE DEGRADATION IS MINIMAL.

(4) AN APPARENT VEILING CONDITION IS PRESENT ON EACH MISSION. THE FRAMES TAKEN IN THE VERTICAL, TWO RIGHT, AND TWO LEFT POSITIONS ARE DEGRADED BY APPARENT VEILING ON 25 PERCENT OF EACH FRAME (ALONG THE TAKE-UP EDGE OF THE FRAMES). THE ONE LEFT AND ONE RIGHT FRAMES ARE DEGRADED ON 50 PERCENT OF EACH FORMAT (THE TAKE-UP EDGE). THIS CONDITION IS MOST SEVERE AT THE BEGINNING OF EACH MISSION WITH GRADUAL IMPROVEMENT DURING THE LAST HALF OF THE MISSION. IMAGE DEGRADATION IN THE AFFECTED AREAS IS SEVERE.

B. COMMENTS APPLICABLE TO INDIVIDUAL MISSIONS:

(1) Q240, 3 OCT 68: A LARGE PORTION OF THE MISSION IS

DISTRIBUTION		
CY	OFFICE	PI
1	TIME	
2	CANAL SEC.	
	PPAB/RD	
	SECUR	
34	TSSC/ABD	
	PSG/OC	
	PRD	
	REFRO	
	AID	
	IEG	
	PROD	
	SOIAN	
	WEST	
	EAST	
	MAS	
	PGM	
	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	
		25X1
	CANAL	

ADVANCE CY
SANITIZED
WITH TEXT

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PHYSICALLY DEGRADED WITH SCRATCHES, CREASES, AND EMULSION SMEARS WHICH APPARENTLY OCCURRED DURING PROCESSING. ONE AND ONE HALF FRAMES (BETWEEN TITLED FRAMES 1244 AND 1245) WERE EXTRACTED FROM THE MISSION. THE IMAGE QUALITY AND RESOLUTION ARE GENERALLY POOR THROUGHOUT.

(2) Q230, 4 OCT 68: NO UNUSUAL ANOMALIES WERE NOTED. IN CLEAR AREAS THE RESOLUTION IS FAIR.

(3) Q243, 8 OCT 68: A SCRATCH IS LOCATED APPROXIMATELY 0.5 INCH FROM THE TITLED EDGE THROUGHOUT MOST OF THE MISSION. THE RESOLUTION IS FAIR IN CLEAR AREAS.

(4) Q212, 13 OCT 68: NO UNUSUAL ANOMALIES WERE NOTED. RESOLUTION IS FAIR TO POOR THROUGHOUT.

(5) Q224, 13 OCT 68: A FOG PATTERN OF VARYING DENSITIES IS PRESENT INTERMITTENTLY DURING THE MISSION. THIS PATTERN DOES NOT APPEAR TO FOLLOW A CYCLE AND DOES NOT

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

2.

APPEAR TO BE ASSOCIATED WITH THE CAMERA. THE RESOLUTION IS FAIR IN CLOUD FREE AREAS.

(6) Q245, 17 OCT 68: THE DATA CHAMBER IDENTIFIES THIS MISSION AS Q715. THERE IS AN APPARENT SLIT MALFUNCTION. HEAVY PLUS DENSITY BANDING IS SEVERE THROUGHOUT AND MORE THAN

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700 FRAMES ARE COMPLETELY OBLITERATED BY THIS HEAVY DENSITY BANDING. THE ANOMALY WAS DESCRIBED AS A "SPIKED DENSITY" PATTERN IN SOME OF THE BUMPY ACTION MISSIONS THAT WERE EVALUATED EARLIER IN THIS PROGRAM. THE SPIKED DENSITY PATTERNS CANNOT BE DETECTED AFTER FRAME 1349 AND IT APPEARS THE MALFUNCTION WAS RECTIFIED DURING THE LATTER PART OF THE MISSION.

4. FOUR MORE MISSIONS UTILIZING THIS CAMERA SYSTEM WILL BE EVALUATED WHEN THE NEGATIVES ARE RECEIVED.

GP-1

S E C R E T

END OF MSG